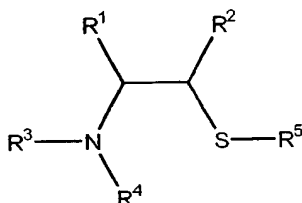


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): An aminothiol compounds, having a general formula I,



wherein R<sup>1</sup>-R<sup>5</sup> are substitutable ligands; and

R<sup>1</sup> is aryl or alkyl of C2-C9;

R<sup>2</sup> is aryl or alkyl of C1-C9;

R<sup>3</sup> is alkyl of C1-C9;

R<sup>4</sup> is alkyl of C1-C9; or

R<sup>3</sup>, R<sup>4</sup> and N form a cycle; and

R<sup>5</sup> is H or alkyl of C1-C6.

Claims 2-12 (canceled)

Claim 13 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 12, wherein R<sup>3</sup>, R<sup>4</sup> and N form a three-to-eight- membered heterocycle.

Claim 14 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 12, wherein R<sup>3</sup>, R<sup>4</sup>, O and N form a ring by means of morpholine.

Claim 15 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 1, wherein R<sup>3</sup>, R<sup>4</sup>, O and N form a ring by means of morpholine.

Claim 16 (currently amended) The aminothiol compounds ~~and acylated~~

~~derivatives thereof~~ as claimed in claim 1, which are chiral ligands capable of reacting with organic metal compounds to form metal complexes and then react as alkylmetal with carbonyl compounds to produce ~~alkylmetal~~ chiral alcohols in asymmetric addition reactions.

- Claim 17 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said carbonyl compound is aldehyde.
- Claim 18 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said carbonyl compound is ketone.
- Claim 19 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said organic metal is Zn, Cu, or Ti.